PIONEER®
The Art of Entertainment

Operating Instructions
Manual de instrucciones
操作說明書

PD-204
PD-104

SPARE PARTS MASTER

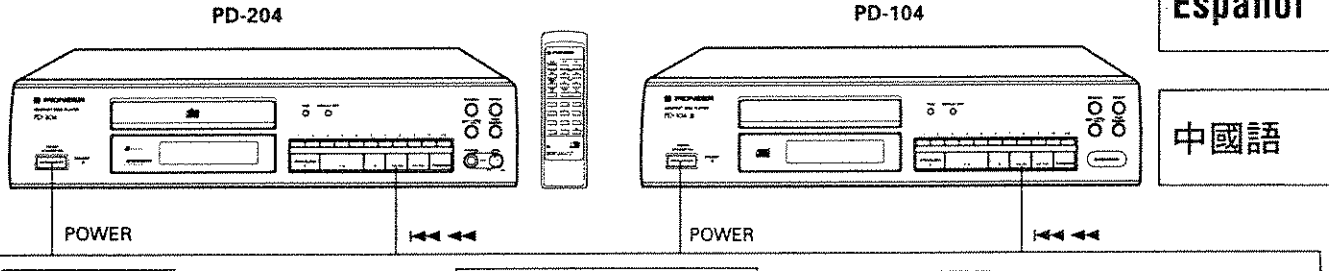
COMPACT DISC DIGITAL AUDIO

COMPACT DISC PLAYER
REPRODUCTOR DE COMPACTOS
雷射唱機

English

Español

中國語



DEMO MODE

- Demo mode allows you to see variation of the display. To enter the demo mode, press POWER and then ⏮◀◀ within 1 second without inserting the disc.
- To exit the demo mode, press one of any buttons on the front panel.

MODO DE DEMOSTRACION

- El modo de demostración le permite ver la variación del visualizador. Para entrar en el modo de demostración, presione POWER y luego ⏮◀◀ antes de transcurrir 1 segundo sin insertar discos.
- Para abandonar el modo de demostración, pulse uno cualquiera de los botones del panel delantero.

展示狀態

- 展示狀態使您能觀看各種顯示。要進入展示狀態在未放入唱片時，按 POWER〔電源〕鍵後1秒內按 ⏮◀◀ 鍵。
- 要退出展示狀態，按前控制板上的任一按鍵即可。

WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

ADVERTENCIA: PARA EVITAR INCENDIOS Y DESCARGAS ELÉCTRICAS, NO EXPONGA ESTE APARATO A LA LLUVIA NI A LA HUMEDAD.

警告： 為防止起火或觸電事故，請不要讓機器暴露在雨中或潮濕環境裡。

IMPORTANT

The lightning flash with arrowhead, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION:
TO PREVENT THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

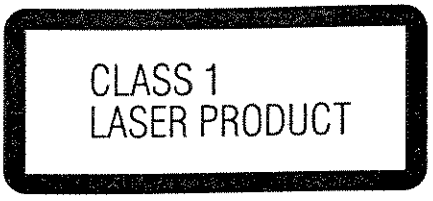
The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

CAUTION

This product contains a laser diode of higher class than 1. To ensure continued safety, do not remove any covers or attempt to gain access to the inside of the product.
Refer all servicing to qualified personnel.

The following caution label appears on your player.

Location: rear of the player



Thank you for buying this Pioneer product.
Please read through these operating instructions so you will know how to operate your model properly. After you have finished reading the instructions, put them away in a safe place for future reference.
In some countries or regions, the shape of the power plug and power outlet may sometimes differ from that shown in the explanatory drawings. However, the method of connecting and operating the unit is the same.

POWER-CORD CAUTION

Handle the power cord by the plug. Do not pull out the plug by tugging the cord and never touch the power cord when your hands are wet as this could cause a short circuit or electric shock. Do not place the unit, a piece of furniture, etc., on the power cord, or pinch the cord. Never make a knot in the cord or tie it with other cords. The power cords should be routed such that they are not likely to be stepped on. A damaged power cord can cause fire or give you an electrical shock. Check the power cord once in a while. When you find it damaged, ask your nearest PIONEER authorized service center or your dealer for a replacement.

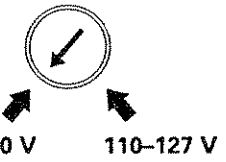
THE POWER SWITCH IS SECONDARY CONNECTED AND THEREFORE DOES NOT SEPARATE THE UNIT FROM MAINS POWER IN STANDBY POSITION.

This product complies with the Low Voltage Directive (73/23/EEC), EMC Directives (89/336/EEC, 92/31/EEC) and CE Marking Directive (93/68/EEC).

LINE VOLTAGE SELECTOR SWITCH

Only flat blade 2-pin AC plug models are provided with this switch. Round 2-pin AC plug models are not provided with this switch.
Mains voltages in Saudi Arabia are 127V and 220V only.
The line voltage selector switch is located on the rear panel of this player. Before your player is shipped from the factory, the switch is set to the power requirements of the player's destination. Check that it is set properly before plugging the power cord into the outlet. If the voltage is not properly set or if you move to an area where the voltage requirements differ, adjust the selector switch as follows:

- Use a medium-sized (flat blade) screwdriver. Insert the tip of the screwdriver into the groove of the selector switch and turn it so that the power voltage marking of your area points to the arrow.



CAUTION: This product satisfies FCC regulations when shielded cables and connectors are used to connect the unit to other equipment. To prevent electromagnetic interference with electric appliances such as radios and televisions, use shielded cables and connectors for connections.

Information to User

Alteration or modifications carried out without appropriate authorization may invalidate the user's right to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

– Reorient or relocate the receiving antenna.

– Increase the separation between the equipment and receiver.

– Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

– Consult the dealer or an experienced radio/TV technician for help.

CAUTION

- Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.
- The use of optical instruments with this product will increase eye hazard.

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ABOUT THESE OPERATING INSTRUCTIONS

The contents found in these Operating Instructions are based on the PD-204 model, but they are also applicable to the PD-104 models.

AC power cord connection and functions
Some functions cannot be carried out depending on the connection of AC power cord.

Function	When the AC power cord is connected to the unswitched outlet of an amplifier or wall outlet.	When the AC power cord is connected to the switched outlet of an amplifier or audio timer.
Timer playback	No	Yes
Program memory	Yes	No
Output level memory (PD-204 only)	Yes	No

CAUTIONS REGARDING HANDLING

Location

Install the player in a well ventilated location where it will not be exposed to high temperature or humidity.
Do not install the player in a location which is exposed to direct rays of the sun, or near stoves or radiators. Excessive heat can adversely affect the cabinet and internal components. Also, installation of the player in a damp or dusty environment may result in malfunction or accident.

Precautions regarding installation

- Avoid placing the player on heat-generating sources such as amplifiers.
- Install this compact disc player as far as possible from tuners and TV sets. Noise may be particularly noticeable when an indoor antenna is used. In such a case, make use of an outdoor antenna, or turn off power to the compact disc player.
- Please place this unit on a level surface.

Cleaning the player

To clean the PLAYER, wipe with a soft, dry cloth. For stubborn dirt, wet a soft cloth with a mild detergent solution made by diluting one part detergent to 5 or 6 parts water, wring well, then wipe off the dirt. Use a dry cloth to wipe the surface dry. Do not use volatile liquids such as benzene and thinner which are harmful to the unit.

Storing discs

Be careful not to allow discs to warp; always store discs in their cases vertically, avoiding locations with high heat or humidity, or extremely low temperatures.

CD lens cleaner

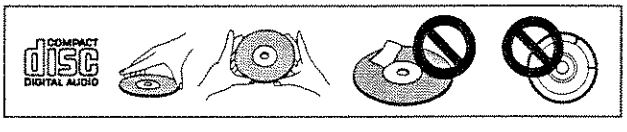
The player's pickup lens should not become dirty in normal use, but if for some reason it should malfunction due to soiling, consult your nearest PIONEER authorized service center. Lens cleaners for CD players are commercially available, but special care should be exercised in their use since some may cause damage to the lens.

Condensation

When this unit is brought into a warm room from previously cold surroundings or when the room temperature rises sharply, condensation may form inside, and the unit may not be able to attain its full performance. In cases like this, allow the unit to stand for about an hour or raise the room temperature gradually.

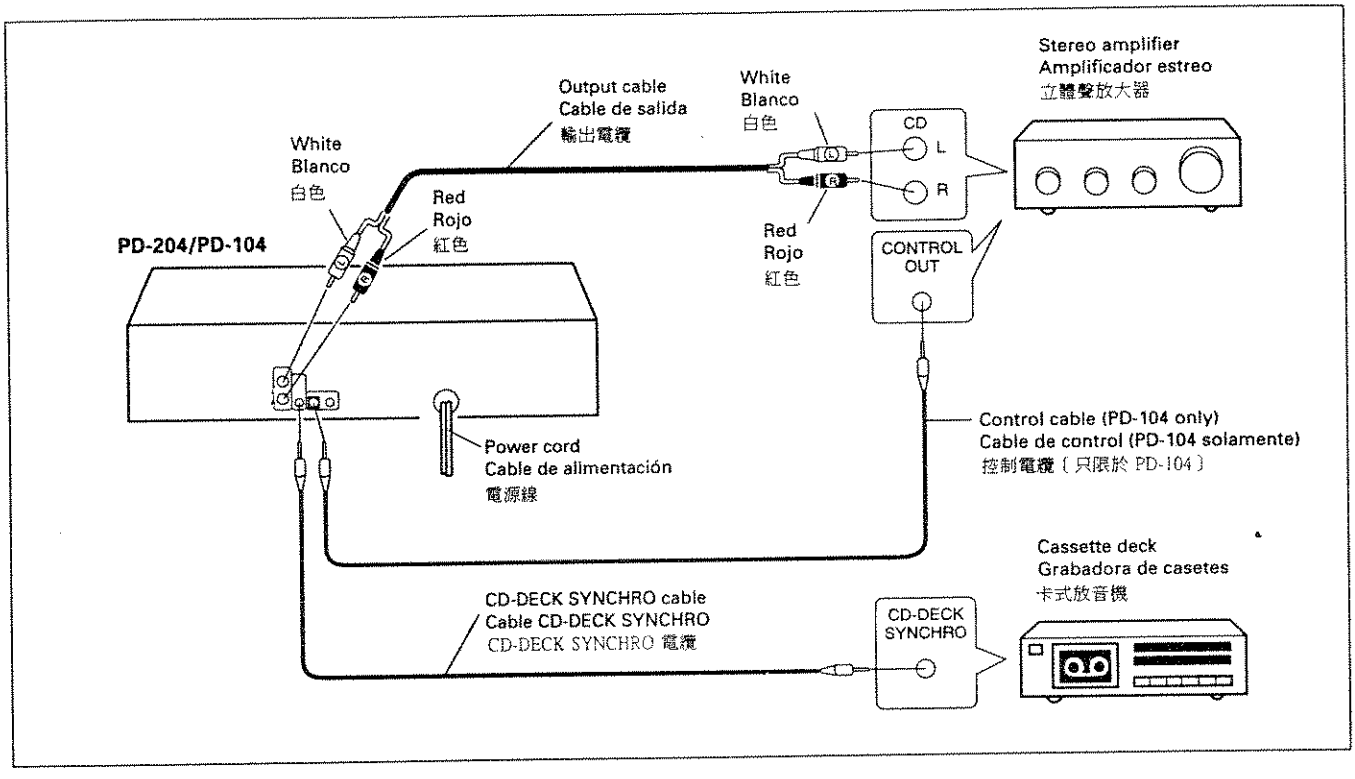
Cleaning and handling compact discs

- Always keep your discs clean by wiping them gently with a soft cloth from the inner edge toward the outer periphery.
- If a disc becomes very dirty, dip a soft cloth in water, and after wringing it out well, wipe the dirt away gently, and then remove any water drops with another soft, dry cloth.
- Do not use record cleaning sprays or anti-static agents on discs. Also, never clean discs with benzene, thinner, or other volatile solvents, since damage to the disc surface may result.
- With this player, use discs which display the mark shown below. (Optical audio digital discs.)
- When holding discs, do not touch their signal surfaces (the side reflecting a "rainbow" pattern, opposite the label side). Hold by the edges, or by one edge and the center hole.
- Do not affix gummed labels or tape to the label surfaces. Also, do not scratch or damage the label.
- Discs rotate at high speed inside the player. Do not use damaged (cracked or warped) discs.



NOTES:
- *When setting an 8 cm (3 in.) CD single, do not use the 8 cm (3 in.) CD single adaptor.*
- *Never attempt to load both 8 cm (3 in.) and 12 cm (5 in.) discs together, since disc damage or other malfunctions may result. Always load only one disc at a time.*

CONNECTIONS



- Make sure that all of the components are turned off before making connections.

CONNECTING THE OUTPUT CABLE:

Connect the LINE OUT jacks of this unit to the input jacks (CD or AUX) of the amplifier. Make sure that the white plugs are connected to the left (L) jacks and the red plugs to the right (R) jacks.

- Be sure not to connect this unit to the amplifier's PHONO jacks, as sound will be distorted and normal playback will not be possible.

CD-Deck synchro function

If you have a Pioneer cassette deck provided with the CD-Deck synchro function, connect the CD•DECK SYNCHRO jacks of the CD player and cassette deck. With this function, synchro recording can be carried out between player and deck.

- For details on connections and operation, refer to the Operating Instructions supplied with the cassette deck.
- The CD-DECK SYNCHRO cable is not supplied with the CD player.

NOTE:

In order to enable the CD-DECK SYNCHRO recording function, the normal output cable must be connected to the stereo amplifier.

CONNECTING THE POWER CORD:

Connect the power cord to a household AC wall outlet or an AC outlet on your amplifier. (See the section "AC power cord connection and functions" on page 5.)

- Make sure plugs are inserted fully into the jacks and wall outlet.

TIMER PLAYBACK

By using a commercially available audio timer, it is possible to initiate playback at any time automatically.

1. Turn on the power to the player, load a disc into the disc tray and close the disc tray with OPEN/CLOSE button.
2. Set the time at which you wish playback to begin. The timer will supply power to both the amplifier and the player at the preset time, turning all the components on and initiating the playback mode. Playback starts from the first track.

NOTES:

- *If no disc has been loaded in the player, the player will enter the standby mode when the audio timer turns the player's power on.*
- *Pressing any function buttons before commencement of timer start cancels the timer start function.*

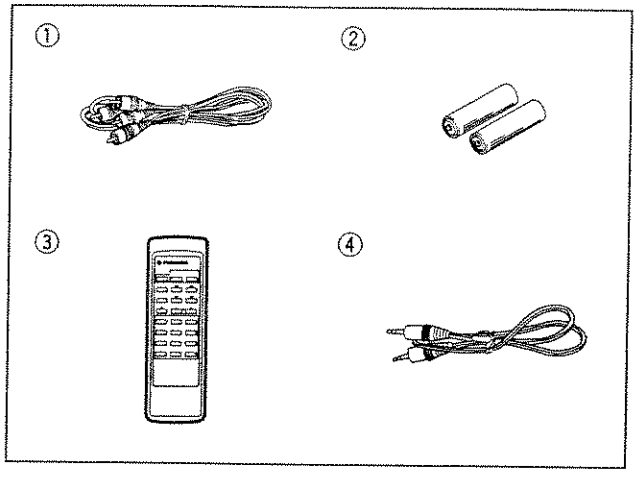
System remote control with a Pioneer stereo amplifier that has the SR mark (PD-104 only)

When a Pioneer stereo amplifier bearing the SR mark is used, connect the CONTROL IN jack on the rear panel of the CD player to the CONTROL OUT jack of the amplifier. This will enable the CD player to be controlled using the remote control unit supplied with the stereo amplifier. If you do not plan to use this feature, it is not necessary to connect CONTROL IN/OUT jacks.

- The control cable is supplied with the CD player.
- The remote control unit supplied with the amplifier can be used to control Play, Stop, Pause and Track Search.
- For instructions regarding connections and operation, refer to the Operating Instructions provided with your stereo amplifier.

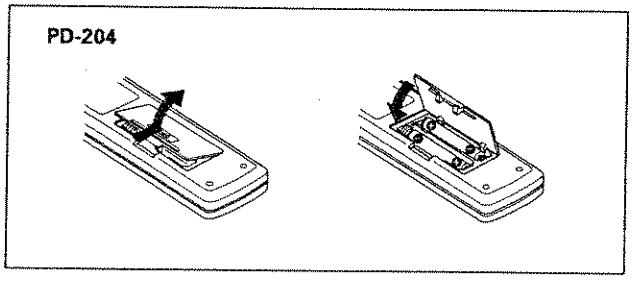
NOTES FOR PD-104:

- *When a control cable is connected to the player's CONTROL IN jack, direct control of the player with the remote control unit is not possible. Operate the player with the remote control unit by aiming it at the amplifier.*
- *Be sure to connect both of the control cable's plugs securely to the CONTROL IN and CONTROL OUT jacks. Do not connect only one end of the cable.*
- *Be sure to turn off the power of the amplifier when connecting the power cord and output cable.*



CONFIRM SUPPLIED ACCESSORIES

① Output cable x 1
② AAA/R03 dry cell batteries x 2 (PD-204 only)
③ Remote control unit x 1 (PD-204 only)
④ Control cable x 1 (PD-104 only)



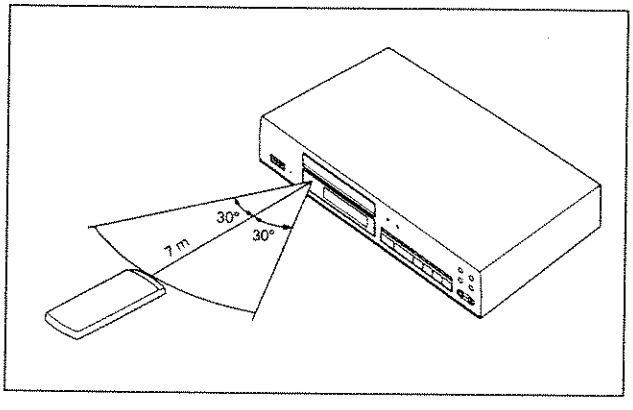
PUT BATTERIES INTO THE REMOTE CONTROL UNIT (PD-204 ONLY)

Open the lid of the battery compartment on the rear of the remote control unit, and insert the batteries, taking care to align the (+) and (–) polarities correctly.

NOTES:

- *In order to prevent battery leakage, remove the batteries when not using the remote control unit for an extended period (one month or more). If leakage occurs, carefully wipe away any battery fluid inside the compartment, and replace the batteries with new ones.*
- *Do not allow books or other objects to rest on top of the remote control unit, since the buttons may be depressed, causing faster exhaustion of the batteries.*

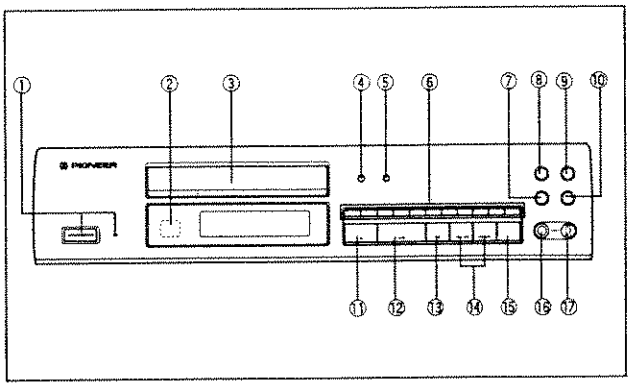
Incorrect use of batteries may cause leakage or rupture.
Always be sure to follow these guidelines:
A. Always insert batteries into the battery compartment correctly matching the positive ⊕ and negative ⊖ polarities, as shown by the display inside the compartment.
B. Never mix new and used batteries.
C. Batteries of the same size may have different voltages, depending on brand. Do not mix different brands of batteries.



When operating the remote control unit, point the unit's infrared signal transmitter at the remote control receiver on the front panel of the player. The remote control unit can be used within a range of about 7 meters from the remote sensor, and within angles of up to about 30 degrees.

NOTE:

If the remote control sensor window is in a position where it receives strong light such as sunlight or fluorescent light, control may not be possible.



NAMES AND FUNCTIONS OF PARTS

FRONT PANEL

① **POWER STANDBY/ON switch and STANDBY indicator**

② **Remote sensor**

Receives the signal from the remote control unit.

- The PD-104 is not equipped with the remote sensor.

③ **Disc tray**

④ **TIME button**

⑤ **DISPLAY OFF button**

⑥ **Digit buttons (1 - 10, >10)**

⑦ **COMPU/AUTO EDIT button**

⑧ **RANDOM button**

⑨ **REPEAT button**

⑩ **PEAK SEARCH button**

⑪ **OPEN/CLOSE button (⏏)**

⑫ **Play/Pause button (►/II)**

⑬ **Stop button (■)**

⑭ **Track/Manual search buttons (|◄◄ ◄◄/►► ►►|)**

⑮ **PROGRAM button**

⑯ **Headphones jack (PHONES) (PD-204 only)**

⑰ **Headphones volume control (LEVEL) (PD-204 only)**

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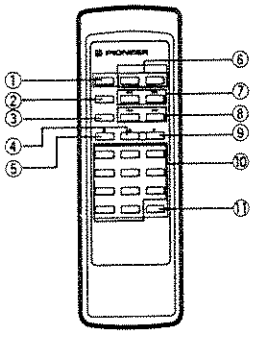


REMOTE CONTROL UNIT (PD-204 only)

Remote control buttons with the same names or marks as buttons on the front panel of the player control the same operations as the corresponding front panel buttons.

① **POWER button**

② **HI-LITE SCAN button**

③ **RANDOM PLAY button**

④ **PAUSE button (II)**

⑤ **STOP button (■)**

⑥ **OUTPUT LEVEL buttons (–/+)**

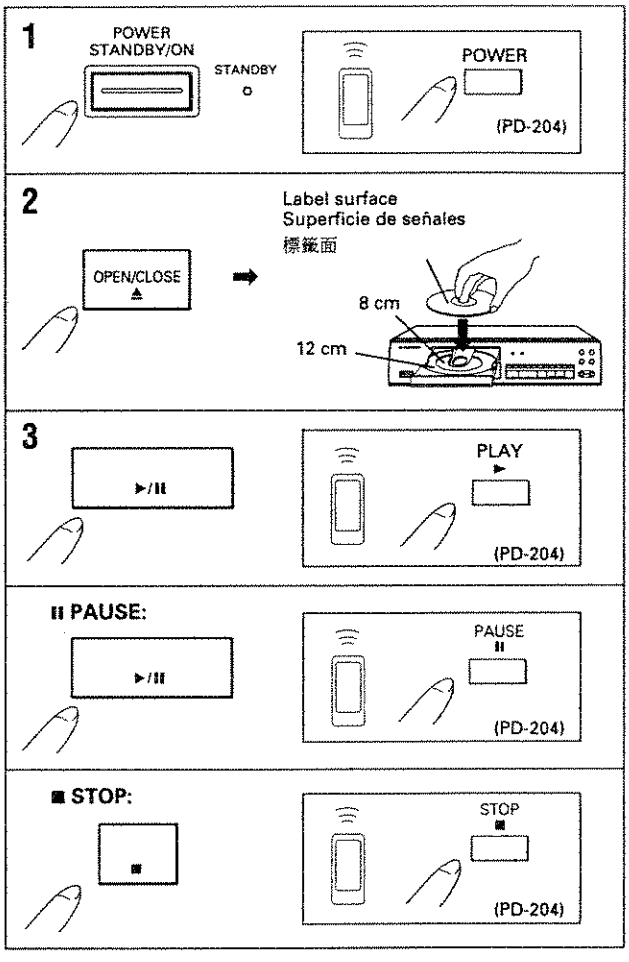
⑦ **MANUAL search buttons (◄◄ / ►►)**

⑧ **TRACK search buttons (|◄◄ / ►►|)**

⑨ **PLAY button (►)**

⑩ **Digit buttons (1 - 10, >10)**

⑪ **Program button (PGM)**



BASIC OPERATION

Operations indicated by the [ ] mark are performed with the remote control unit. (PD-204 only)

1 Press POWER to turn on the power to the player.

2 Press OPEN/CLOSE and load a disc.

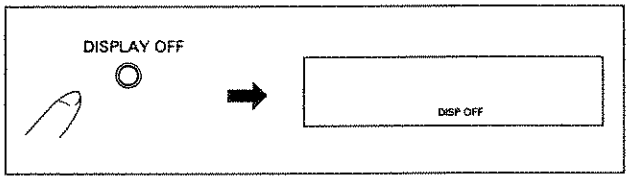
- Place the disc with the label surface facing UP.
- Place a disc on the disc tray according to the 8 cm CD disc guide or 12 cm CD disc guide respectively.

3 Press ►/II (or ►) to start playback.

To pause playback temporarily:
Press ►/II (or II). The II indicator lights and playback is paused at that point.
Pressing ►/II (or II) again (or ►) resumes playback from the position where pause mode was entered.

To stop playback:
Press ■.

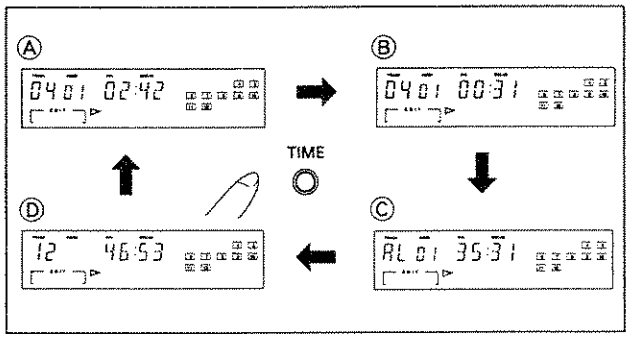
To stop playback and take out the disc:
Press OPEN/CLOSE and remove the disc. Press OPEN/CLOSE again to close the disc tray and then press POWER to turn off the power.



To turn off the display

Press DISPLAY OFF. All the indicators other than DISP OFF go off. The display circuit which may interfere the sound quality does not function.

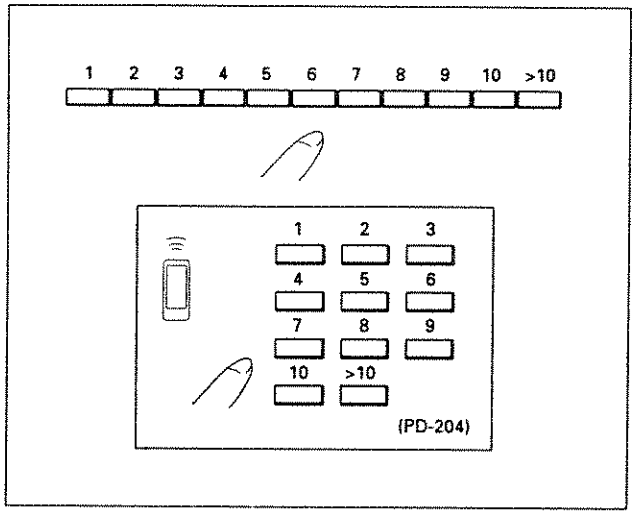
- When the control button is pressed, the corresponding indicator lights for about a few seconds.
- In stop mode or pause mode, the display remains lit even when DISPLAY OFF is pressed.
- During peak search, the display off function cannot be carried out even if the DISP OFF indicator lights.



Time display

During playback, pressing the TIME button changes the time display in the following sequence: Ⓐ Time (elapsed playback time of the track being played) → Ⓑ Remain (remaining playback time of the track being played) → Ⓒ AL Remain (remaining playback time from the playing point to the end of the disc) → Ⓓ Total (total playback time of the disc).

- With track No. 30 or more, the Remain time Ⓑ cannot be displayed.
- During random playback, AL Remain time Ⓒ cannot be displayed.
- During Program playback, the remaining playback time of the programmed tracks can be displayed with the AL Remain setting Ⓒ. The number of program steps and total time of program can be displayed with the Total setting Ⓓ.



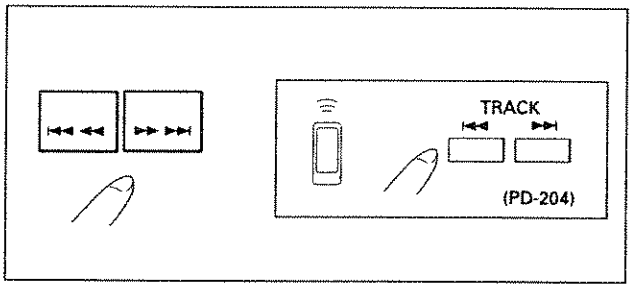
VARIOUS OPERATIONS

Direct play - To play a particular track by specifying the track number

When the track No. is specified with the digit buttons, playback starts automatically from the beginning of the specified track.
To specify track No. from 1 to 10, simply press the corresponding digit buttons (1 – 10). To specify track No. 11 or above, use >10.

Example : To enter track No. 26: >10 , 2 , 6
To enter track No. 30: >10 , 3 , 10

- When entering 11 or above, 10 functions as 0.
- When >10 is pressed, the digit button to be next entered should be pressed within 5 seconds.

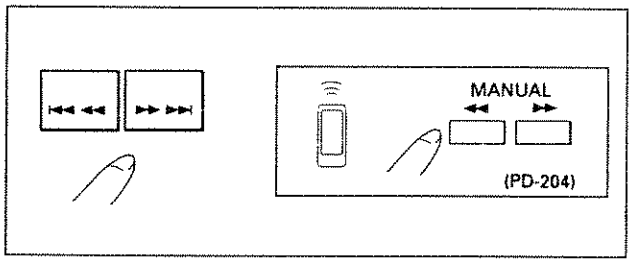


Track search - To search for a particular track

When ►► ►►I (or ►►I) is pressed once or a number of times, playback is advanced to the beginning of a track located after the track being played. The position of the located track corresponds to the number of times the button is pressed.
When I◄◄ ◄◄ (or I◄◄) is pressed once, playback returns to the beginning of the track being played. When this button is pressed more than once, playback is returned to a track located before the track being played.

- When ►► ►►I (or ►►I) or I◄◄ ◄◄ (or I◄◄) is operated in pause mode or stop mode, press ►/II (or ►) to start playback.

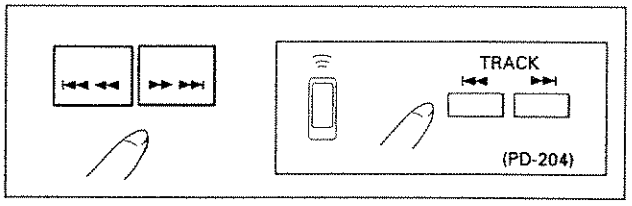
NOTE:
During program playback, the ►► ►►I (or ►►I) or I◄◄ ◄◄ (or I◄◄) button can be used to select the programmed track.



Manual search - To search for a particular passage

While ►► ►►I (or ►►) is kept pressed, playback rapidly advances toward the end of the disc. When playback reaches the end of the disc, the player enters pause mode and "END" is displayed.
While I◄◄ ◄◄ (or ◄◄) is kept pressed, playback rapidly reverses toward the beginning of the disc. When the desired passage is reached, release ►► ►►I (or ►►) or I◄◄ ◄◄ (or ◄◄). The player enters original mode (playback or pause) where ►► ►►I (or ►►) or I◄◄ ◄◄ (or ◄◄) is released.

NOTE:
During program playback, Manual Search can be carried out in one program step only.

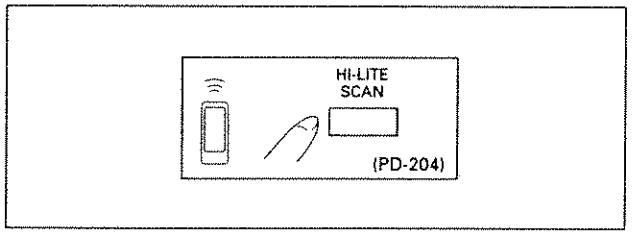


VARIOUS OPERATIONS

To display the playing time of each track

In the stop mode, pressing ►► ►►I (or ►►I) displays the playing time of each track starting from track No.1.

- This function cannot be carried out with track No.30 or above.



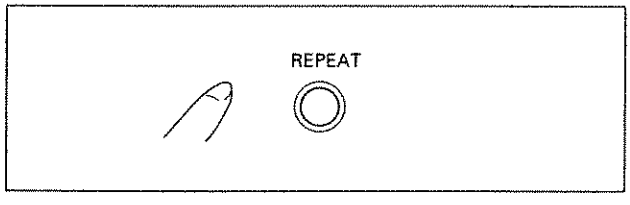
Hi-Lite scan (PD-204 only)

When HI-LITE SCAN is pressed in the stop mode, playback starts from a point 1 minute after the beginning of the track, and each track is played for about 10 seconds. The ► indicator blinks in the Hi-Lite scan mode.

- Hi-Lite scan can be carried out from the desired elapsed time of the track. During playback, press HI-LITE SCAN at the point you want to start Hi-Lite scan playback. The player memorizes the minute and second of the point and Hi-Lite scan playback is carried out from the memorized minute and second on each track.

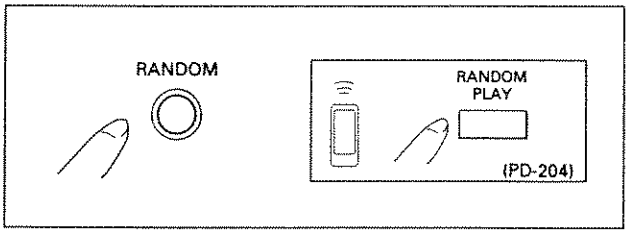
NOTES:

- *When the playback time of a track is less than one minute or is shorter than the memorized time, Hi-Lite Scan playback is carried out from the beginning of the track for about 10 seconds.*
  When playback time of a track is less than 10 seconds, the track is played from the beginning to the end.
- *During program playback or random playback, pressing HI-LITE SCAN cancels program playback or random playback. The player memorizes the time of the point at which HI-LITE SCAN was pressed and Hi-Lite Scan playback is carried out from the memorized time on each track. However, the program contents will not be erased.*
- *One track repeat cannot be performed in Hi-Lite scan playback mode.*



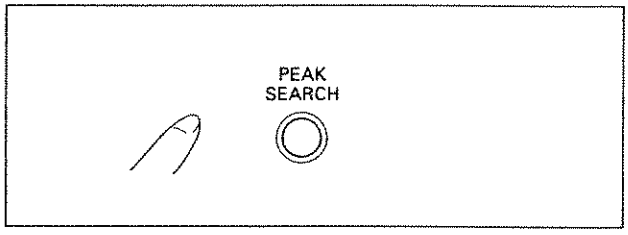
To repeat playback (repeat play)

To repeatedly play the displayed track, press REPEAT once. The 1►REP indicator lights. The REPEAT button can be pressed in any playback mode.
To repeatedly play all tracks on the disc in normal playback mode or in the specified playback mode (Program playback or Random playback), press REPEAT twice. The REP indicator lights.



Random playback - To play all tracks in random order

Press RANDOM. The RND indicator lights and all tracks on the disc are played in random order. After all tracks are played, the player enters stop mode.



To search for the peak volume level within a disc (peak search)

With this function, the peak level of CD can easily be searched for. This is convenient for adjusting the proper recording level.

To search for the peak level of the entire disc:
In the stop mode, press PEAK SEARCH.

- The player scans the entire disc and searches for the peak level. It takes about 1 minute with a 60-minute CD. While searching, the PEAK indicator blinks on the display.
- To cancel the peak search function, press ■.

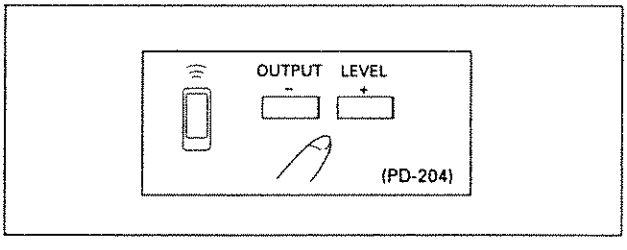
To search for the peak level of the programmed tracks:
Program the desired tracks beforehand and press PEAK SEARCH. The player scans all of the programmed tracks and searches for the peak level between them.

To adjust the recording level

1. When the player detects the peak level, a 6-second (approximate) portion of the disc including the peak level is played repeatedly.
2. Adjust the recording level on the tape deck.
3. To cancel the peak search function, press ■.
4. Set the tape deck to recording mode and start CD play by pressing ►/II (or ►).

NOTES:

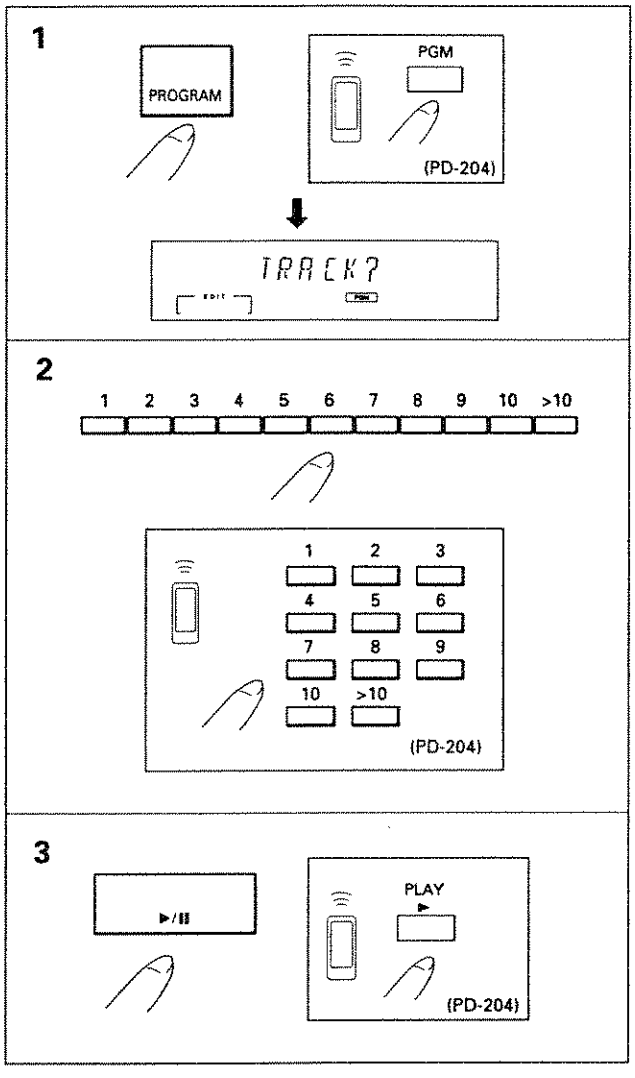
- *The player sometimes detects the different peak level even when the peak search function is carried out on one disc.*
- *With some discs, the player cannot detect the proper peak level. This is not a malfunction.*
- *When the peak level exists on the beginning or end of the track, the section which contains the peak level is played repeatedly for about 3 seconds.*



Adjusting the sound volume (PD-204 only)

Press OUTPUT LEVEL "–" or "+" to adjust the output level.

- The output level can be adjusted between 0 dB and –25 dB in steps of 1 dB.
- The ATT display shows the selected level.
- The output level at the OUTPUT jacks and PHONES jack will be adjusted simultaneously.
- If the disc is in the player, the setting of the OUTPUT LEVEL button is not erased even when the power is turned off. However, if the power is turned off with an audio timer or by unplugging the power cord, the setting of the OUTPUT LEVEL button will be erased.



TO PLAY ONLY DESIRED TRACKS

Program playback - To program tracks in desired order

Programming is possible in the stop or playback mode.
Only in the stop mode, the dialog display appears in each step to facilitate programming.

1 **Press PROGRAM.**
- "TRACK?" appears on the display.

2 **Enter the desired track numbers in a desired order with the digit button.**
- Up to 24 tracks (steps) can be programmed.

3 **Press ►/II (or ►).**
The tracks are played in the programmed order. When all programmed tracks have been played, the player enters stop mode.

To stop Program playback, press ■.

- To go to the previous or next step in a program, press I◄◄ ◄◄ (or I◄◄) or ►► ►►I (or ►►I).
- Each time a track is programmed, the display will show the programmed number.
- If the disc is in the player, the program contents will not be erased even if the power is turned off.

Programming while listening to playback

During normal playback or program playback, you can program the desired tracks.

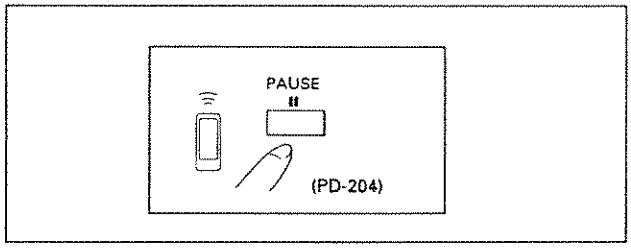
During normal playback or Hi-Lite scan playback (Direct program): The track being played can be programmed.

1. During playback, press PROGRAM to enter the program mode.
2. Whenever a track to be programmed is played, press PROGRAM. You can repeat step 2 until up to 24 steps are programmed.
3. After programming, press ►/II (or ►). The current playback is cleared and the tracks are played in the programmed order.

During program playback:
Enter the desired tracks without pressing PROGRAM. The program contents are added to the program being played.

Notes on time display
- *If the total playing time or total remaining time exceeds 100 minutes, the corresponding time will not be displayed.*
- *If track No. 30 or above is programmed, total remaining time or total playing time will not be displayed.*

TO PLAY ONLY DESIRED TRACKS



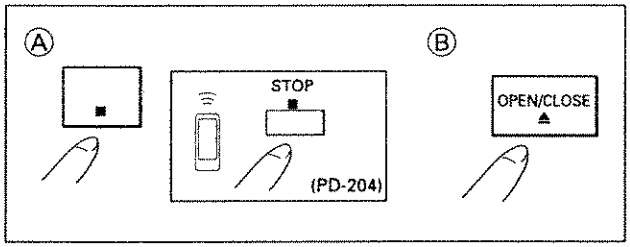
Programming a pause (PD-204 only)

Inserting a pause in your program can be very useful when carrying out recording. Press ⏸ instead of entering a track number. "PA" appears on the display.

- For example, when recording on both sides of a cassette tape, if you program a pause after the last track to be recorded on the first side, program playback will pause at that point to allow you to switch tape sides. To resume program playback after the player enters pause mode, press ▶/⏸ (or ⏸).

NOTES:

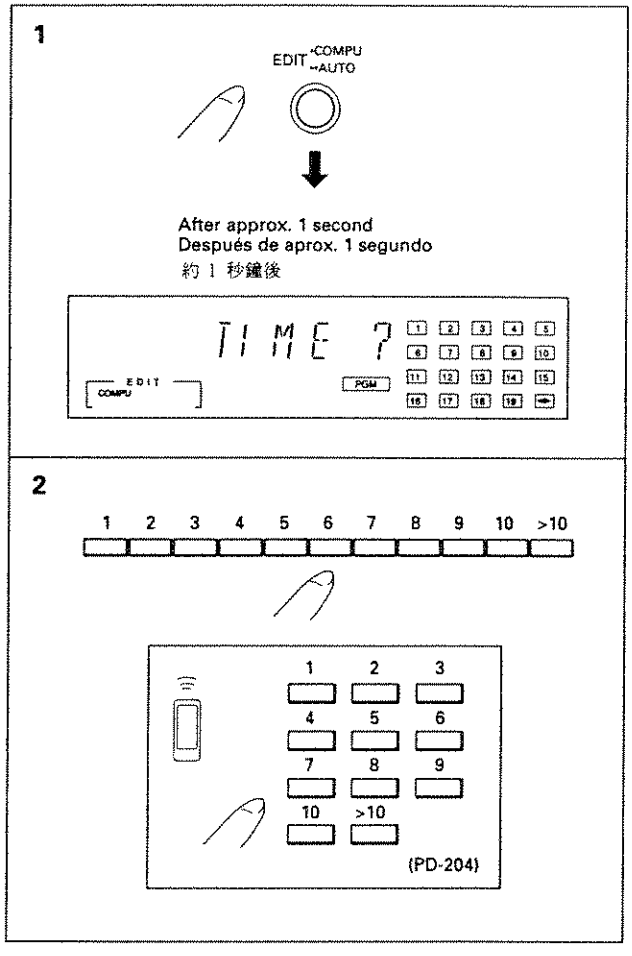
- *A pause can be programmed only when the program procedure is performed under stop mode.*
- *A pause cannot be programmed at the beginning of a program, nor can two pauses be programmed one after the other.*
- *A pause inserted in a program is counted as one step.*
- *If a pause is programmed as the last step of a program, the player will not enter the pause mode.*



To clear all of the program contents

Ⓐ In the stop mode, press ■.

Ⓑ When the disc tray is ejected, the program contents will be cleared.



CONVENIENT OPERATION FOR RECORDING

With this function, tracks are automatically programmed for both sides of the tape.

COMPU PROGRAM EDIT
The player automatically rearranges the order in which tracks are played back so that their total playing time becomes the specified playing time as near as possible.

AUTO PROGRAM EDIT
Tracks are selected within the designated time, starting from the first track and progressing in order.

1 Select the Compu Program Edit mode or Auto Program Edit mode with COMPU/AUTO EDIT.

To enter the Compu Program Edit mode: Press the button once. "COMPU" appears on the display. After approximately 1 second "TIME?" appears on the display.
To enter the Auto Program Edit mode: Press the button twice. "AUTO" appears on the display. After approximately 1 second "TIME?" appears on the display.

> To program all tracks on the disc: press the button once and do not perform step 2.
> In about three seconds, the player will automatically select the tape length (46, 60 or 90 minutes) which will allow recording of all tracks on the disc, then program the tracks.

2 Designate the length of tape to be used.

When the digit buttons are used:
Press the digit buttons to set the length (time) of the tape.
Press the 10's digit button and 1's digit button sequentially. (To enter 9 minutes or less, press 10 and then the corresponding digit button.)

When the track search buttons are used:
Press ⏮ ◀◀ (or ⏮) or ▶▶ ⏭ (or ⏭) to set the length (time) of the tape.

- Each time the buttons are pressed, the time setting will change in the following order:

  46 ⟷ 54 ⟷ 60 ⟷ 74 ⟷ 90 Unit: Minute

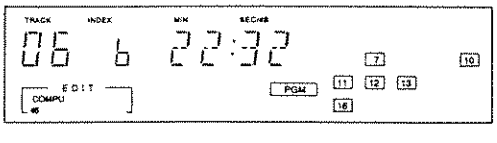
- The displayed time is memorized and the player starts calculation by pressing COMPU/AUTO EDIT or if other time setting is not selected within 3 seconds.

Example: The tape playing time 46 minutes is selected.

COMPU PROGRAM EDIT

Side A

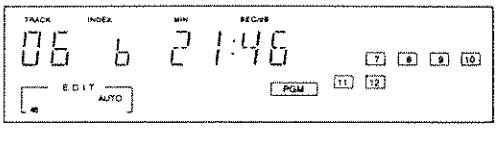
Side B



AUTO PROGRAM EDIT

Side A

Side B



CONVENIENT OPERATION FOR RECORDING

To confirm the programmed results:
After completion of programming, press COMPU/AUTO EDIT; each time the button is pressed, the program results will be alternately displayed for tape side A and B.

NOTES:

- *Up to 24 steps can be programmed.*
- *With discs contained 24 tracks or more, programming may not be correctly performed.*
- *If the selected time is too short for any track to be programmed, programming cannot be performed.*
- *If you wish to enter the time with the digit buttons after the time is already entered with ⏮ ◀◀ (or ⏮◀◀) or ▶▶ ⏭ (or ▶▶⏭) in step 2, press [>10]. The digit buttons can now be operated.*
- *If the disc is in the player, the contents of the Compu program edit are not cleared even when the power is turned off.*
  However, if the power is turned off with an audio timer or by unplugging the power cord, the program contents will be erased.
- *For recording on only side A of the tape, up to 24 tracks can be programmed. For recording on sides A and B, up to 23 tracks can be programmed, since a pause is programmed as a track at the end of side A.*

TROUBLESHOOTING

Incorrect operations are often mistaken for trouble and malfunctions. If you think that there is something wrong with this component, check the points below. Sometimes the trouble may lie in another component. Investigate the other components and electrical appliances being used. If the trouble cannot be rectified even after exercising the checks listed below, ask your nearest PIONEER authorized service center or your dealer to carry out repair work.

Symptom	Cause	Remedy
Disc tray is not expelled when OPEN/CLOSE is pressed.	• Power plug is disconnected from outlet. • The POWER switch is OFF (STANDBY).	• Connect plug to amplifier or wall outlet. • Press the POWER switch ON.
When playback is started, it stops immediately. Pauses or stops during playback.	• Disc is loaded upside down. • Smudges etc., on the disc.	• Load the disc correctly with the label side UP. • Clean the smudges from the disc and then play it again.
No sound	• Output cables are connected incorrectly or loosely. • Incorrect operation of stereo amplifier. • Pin plugs and/or amplifier terminals are dirty. • Player is in pause mode.	• Connect properly. • Check the settings of amplifier switches and sound volume controls. • Clean away dirt. • Press ►/II (or ►) button.
Sound is distorted, noise is output.	• Incorrect connections. • Pin plugs and/or amplifier terminals are dirty. • Interference is being picked up from a TV set.	• Connect to amplifier's AUX or CD terminals. Do not connect to PHONO terminals. • Clean away dirt. • Switch OFF TV set, or move player away from TV set.
With certain discs, loud noise is produced, or play stops.	• Disc has bad scratch or warp. • Disc is extremely dirty.	• Replace the disc. • Clean disc.
The picture of the TV screen is fluctuated or FM broadcast has noise interference.	• Interference is being picked up from the CD player.	• Turn off POWER of the player, or move the player away from TV or tuner.
Remote control will not function.	(PD-204 only) • Dead batteries. • Too far from player or wrong angle. • Obstruction between player and remote control unit. (PD-104 only) • Control cable is not corrected.	• Replace batteries. • The distance between remote control unit and player should be no more than about 7 meters. The operational angle against the front panel is within 30° from right or left end of player. • Relocate remote control unit or remove obstruction. • Correct control cable properly (see page 8, 10).

Abnormal functioning of this unit may be caused by static electricity or other external interference. To restore normal operation, turn the power off and then on again, or unplug the AC power cord and then plug it in again.

SPECIFICATIONS

1. General

Type ..... Compact disc digital audio system
Power requirements
Sigapore and Australian models ..... 220 - 240 V, 50/60 Hz
Other models ..... 110 - 127/220 -240 V, 50/60 Hz
Power consumption ..... 12 W
Operating temperature ..... +5°C - +35°C
Weight ..... 3.1 kg
External dimensions
PD-204 ..... 420(W) X 101(H) X 267(D) mm
PD-104 ..... 420(W) X 101(H) X 263(D) mm

2. Audio section

Frequency response ..... 2 Hz - 20 kHz
S/N ratio
PD-204 ..... 102 dB or more (EIAJ)
PD-104 ..... 98 dB or more (EIAJ)
Dynamic range ..... 96 dB or more (EIAJ)
Harmonic distortion ..... 0.003% or less (EIAJ)
Output voltage ..... 2.0 V (EIAJ)
Wow and flutter ..... Limit of measurement (±0.001% W.PEAK) or less (EIAJ)
Channels ..... 2-channel (stereo)

3. Output terminal

Audio line output jacks
CD-DECK SYNCHRO jack
Headphones jack (with volume control) (PD-204 only)
Control input/output jacks (available with the PD-104)

4. Accessories

- Remote control unit (PD-204 only) 1
- AAA/R03 dry cell batteries (PD-204 only) 2
- Control cable (PD-104 only) 1
- Output cable 1
- Operating instructions 1

NOTE:
Specifications and design subject to possible modification without notice, due to improvements.

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ESPECIFICACIONES

1. Generalidades

Tipo ..... Sistema audiodigital de discos compactos
Alimentación
Modelos Australia y Singapur ..... 220 - 240 V, 50/60 Hz
Otros modelos ..... 110 - 127/220 -240 V, 50/60 Hz
Consumo ..... 12 W
Temperatura de funcionamiento ..... +5°C - +35°C
Peso ..... 3.1 kg
Dimensiones
PD-204 ..... 420(An) x 101(Al) x 267(Prf) mm
PD-104 ..... 420(An) x 101(Al) x 263(Prf) mm

2. Sección de audio

Respuesta de frecuencia ..... 2 Hz - 20 kHz
Relación señal a ruido
PD-204 ..... Más de 102 dB (EIAJ)
PD-104 ..... Más de 98 dB (EIAJ)
Gama dinámica ..... Más de 96 dB (EIAJ)
Distorsión armónica ..... Menos de 0,003% (EIAJ)
Voltaje de salida ..... 2,0 V (EIAJ)
Fluctuación y trémolo ..... Límite de medición (±0,001% W.PEAK) o menos (EIAJ)
Canales ..... 2 canales (estéreo)

3. Terminal de salida

Tomas de salida de línea de audio
Toma de sincronización de reproductor-magnetófono
Toma para auriculares (con control de volumen) (PD-204 solamente)
Tomas de entrada/salida de control (disponible con el PD-104)

4. Accesorios

- Mando a distancia (PD-204 solamente) 1
- Pilas secas AAA/R03 (PD-204 solamente) 2
- Cable de control (PD-104 solamente) 1
- Cable de salida 1
- Manual de instrucciones 1

NOTA:
Las especificaciones y el diseño están sujetos a cambios sin previo aviso con motivos de mejoras.

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規格

1. 整體

型號 ..... 雷射唱碟數字音響系統

電源

新加坡和奧大利亞機型 ..... 220-240V, 50/60 Hz

其他機型 ..... 110-127/220-240V, 50/60 Hz

功率消耗 12W

使用溫度 ..... +5℃ ~ +35℃

重量 ..... 3.1 kg

外部尺寸

PD-204 ..... 420〔寬〕×101〔高〕×267〔深〕mm

PD-104 ..... 420〔寬〕×101〔高〕×263〔深〕mm

2. 音響部份

頻率響應 ..... 2 Hz - 20 kHz

信噪比

PD-204 ..... 102 dB 以上（EIAJ）

PD-104 ..... 98 dB 以上（EIAJ）

動態範圍 ..... 96 dB 以上（EIAJ）

諧波失真 ..... 0.003以下（EIAJ）

輸出電壓 ..... 2.0V（EIAJ）

幌動 ..... 測不出〔±0.001%W.PEAK〕以下（EIAJ）

聲道 ..... 2聲道〔立體聲〕

3. 輸出端子

音響線路輸出插孔

CD-DECK SYNCHRO 插孔

耳機插孔〔帶音量控制〕〔只限於 PD-204〕

控制輸入／輸出插孔〔同 PD-104 一起提供〕

4. 附屬品

- 遙控器〔只限於 PD-204〕 1
- AAA/R03 乾電池〔只限於 PD-204〕 2
- 控制電纜〔只限於 PD-104〕 1
- 輸出電纜 1
- 操作說明書 1

注意：

規格及設計可能有變，恕不另行通知。

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